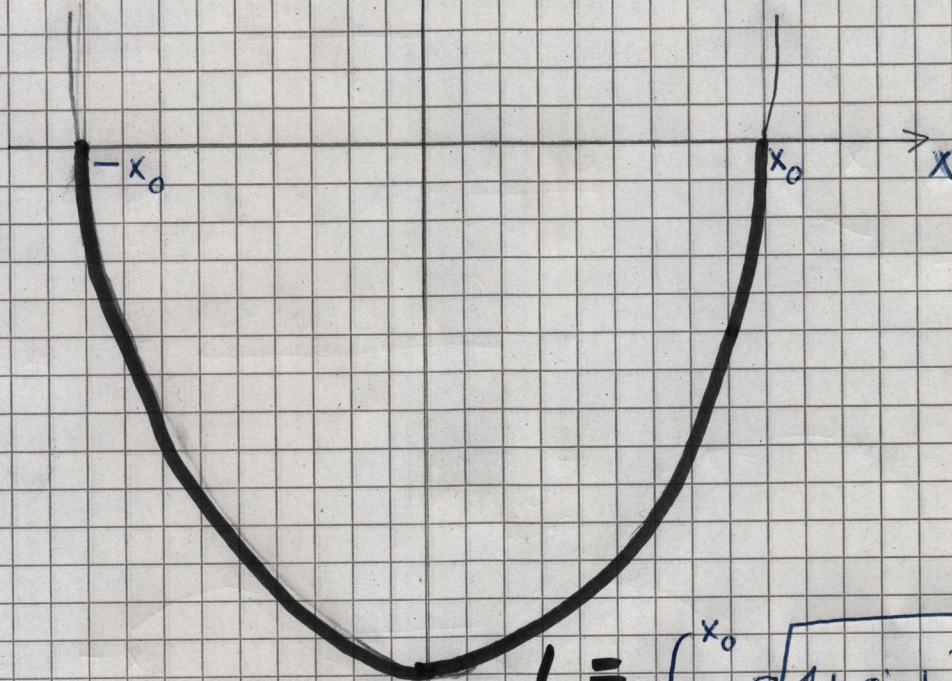
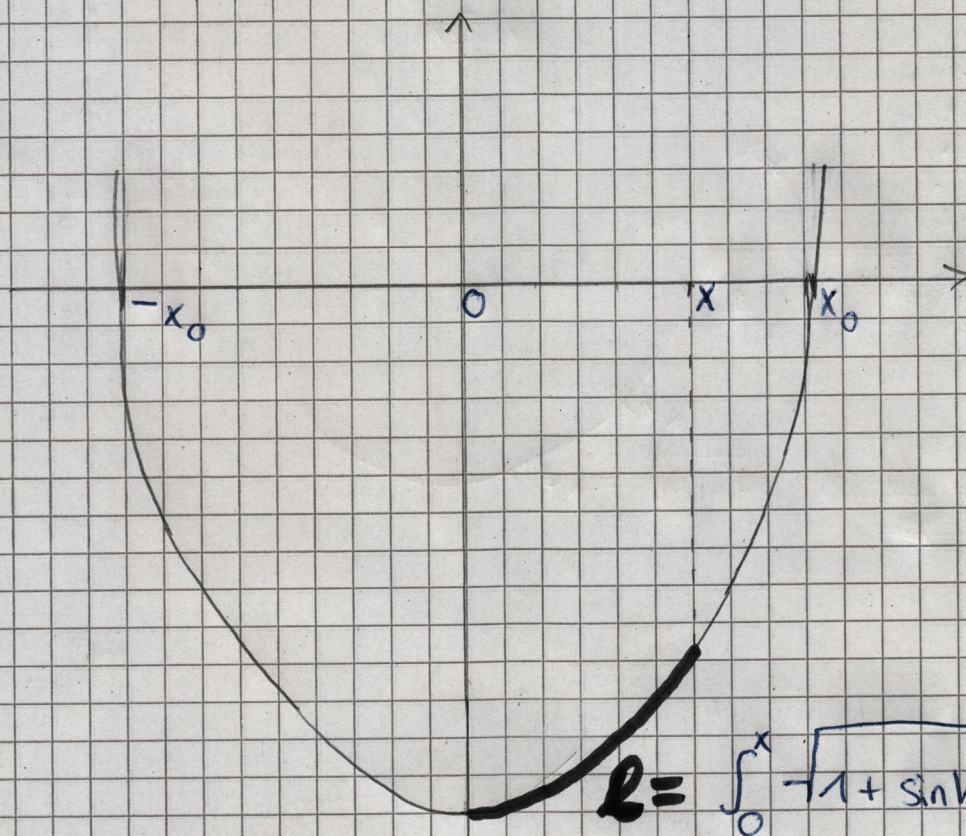


$\uparrow f(x)$



$$L = \int_{-x_0}^{x_0} \sqrt{1 + \sinh^2\left(\frac{1}{a}x\right)} dx$$



$$L = \int_0^x \sqrt{1 + \sinh^2\left(\frac{1}{a}x\right)} dx$$